

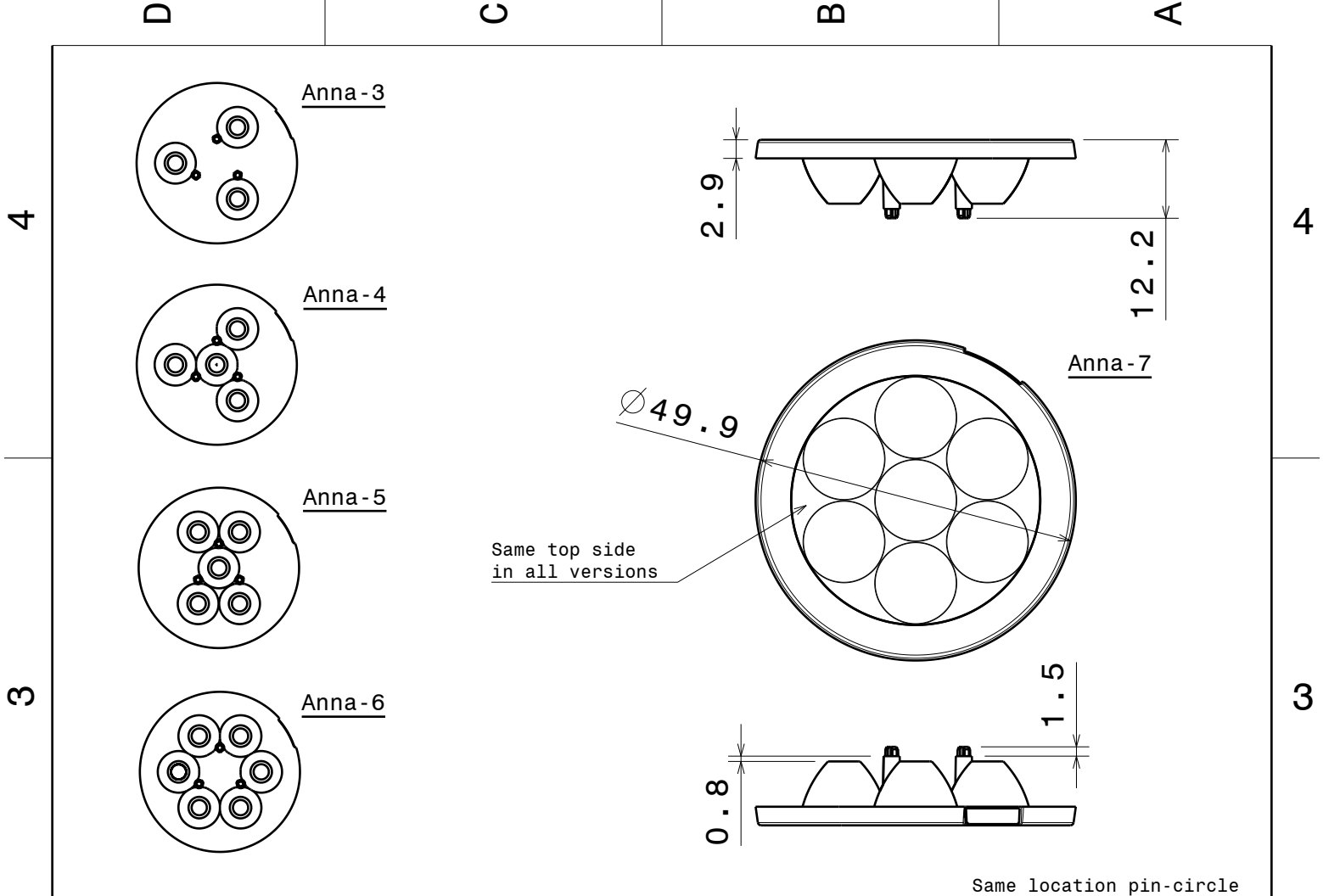
## DETAILS

<b>Product Number</b>	C11813_ANNA-50-6-W
<b>Family</b>	Anna
<b>Type</b>	Lens array
<b>Color</b>	clear
<b>Diameter</b>	50 mm
<b>Height</b>	10,7 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	glue, pin
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	7/03/2014



## OPTICAL PROPERTIES

LED	Viewing	Light	Efficiency		Connector
	Angle	Beam	cd/Im		
XP-G	36 deg	Wide	87 %	2.000	-
XP-E	36 deg	Wide	87 %	1.600	-
XB-D	29 deg	Wide	85 %	2.170	-
LUXEON Rebel	30 deg	Wide	86 %	1.900	-
LUXEON Rebel ES	29 deg	Wide	86 %	2.200	-
LUXEON A	34 deg	Wide	82 %	1.680	-
NCSxx19A	28 deg	Wide	86 %	2.000	-
NVSxx19A	33 deg	Wide	86 %	1.500	-
NVSxx19B/NVSxx19C	sim: 33	Wide	sim: 89 %	sim: 2.300	-
Oslon SSL 80	26 deg	Wide	87 %	2.400	-
Oslon SSL 150	34 deg	Wide	89 %	2.000	-
Z5M	32 deg	Wide	83 %	1.800	-
Double Dome (GM2BB)	sim: 40	Wide	-	-	-



Material: PMMA

- Versions:  
 Anna-3-S  
 Anna-3-M  
 Anna-3-W  
 Anna-4-S  
 Anna-4-M  
 Anna-4-W  
 Anna-5-S  
 Anna-5-M  
 Anna-5-W  
 Anna-6-S  
 Anna-6-M  
 Anna-6-W  
 Anna-7-S  
 Anna-7-M  
 Anna-7-W

Number of cones varies;  
 3, 4, 5, 6 and 7 pcs  
 on bottom side depending  
 the version.

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 or communicated without  
 our written agreement.



DRAWING TITLE

DRAWN BY p		DATE 05.10.2010		Datasheet Anna50-series Lens			
CHECKED BY t k		DATE 03.08.2010		SIZE A4	DRAWING NUMBER -		REV 1
DESIGNED BY hh		DATE 30.07.2010		SCALE 1:1	WEIGHT (g)	SHEET 1/1	

4

3

2

1

4

3

2

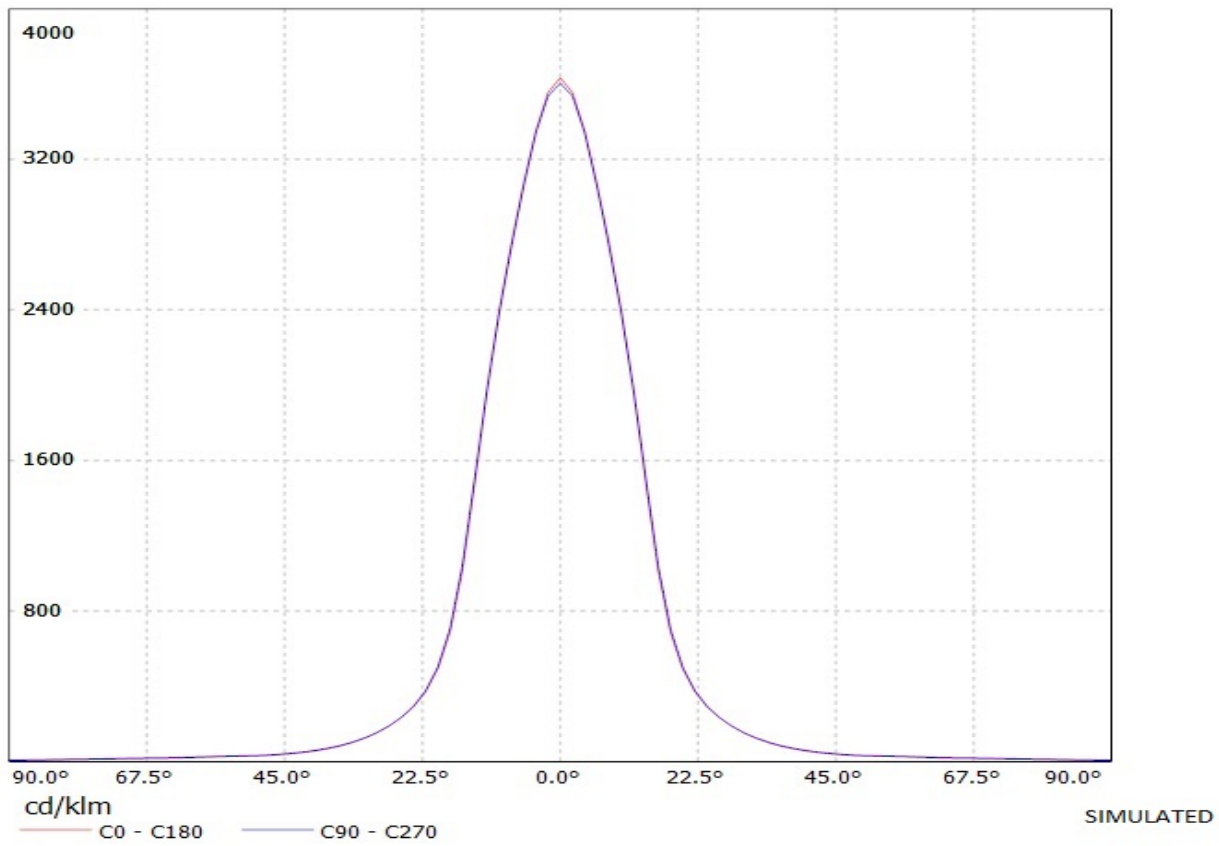
1

D

A

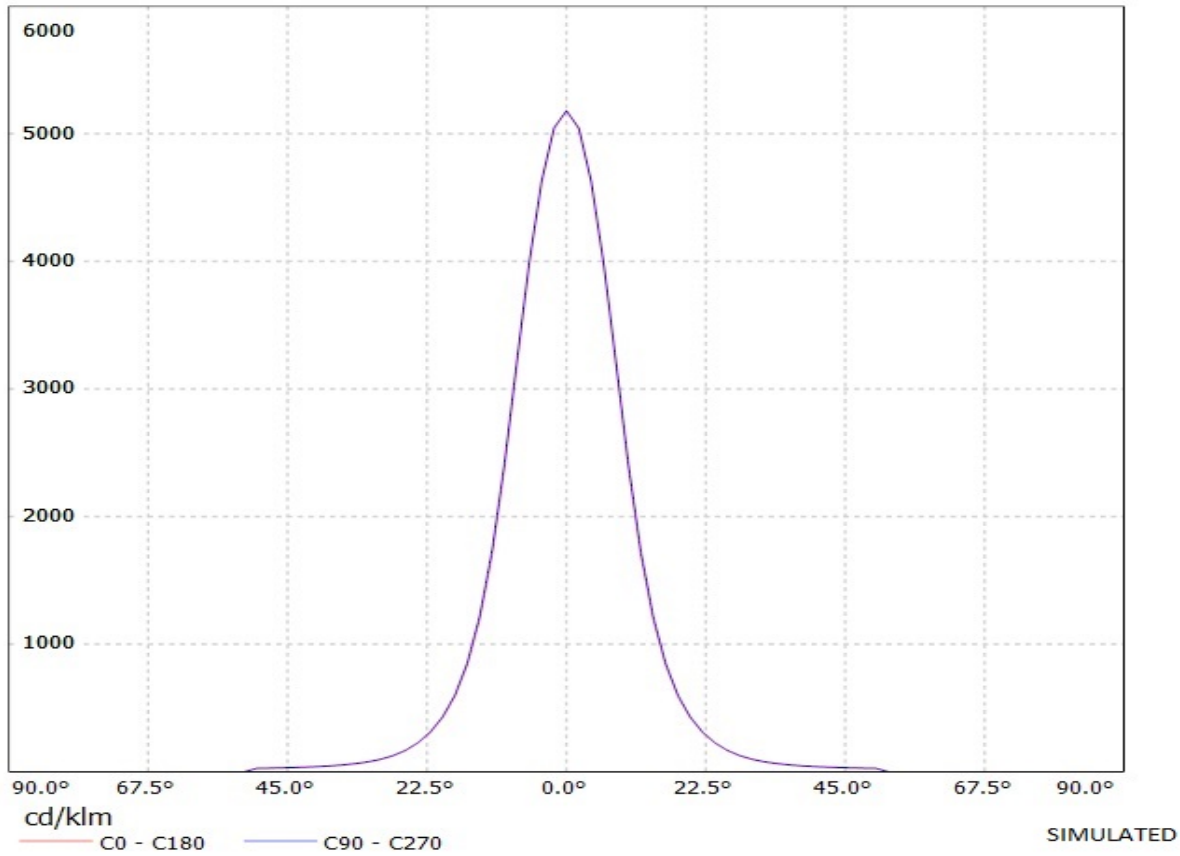
# Ledil Oy C11812\_Anna-50-6-M-XP-G C11812\_Anna-50-6-M-XP-G / LDC (Linear)

Luminaire: Ledil Oy C11812\_Anna-50-6-M-XP-G C11812\_Anna-50-6-M-XP-G  
Lamps: 1 x Cree XP-G (White)



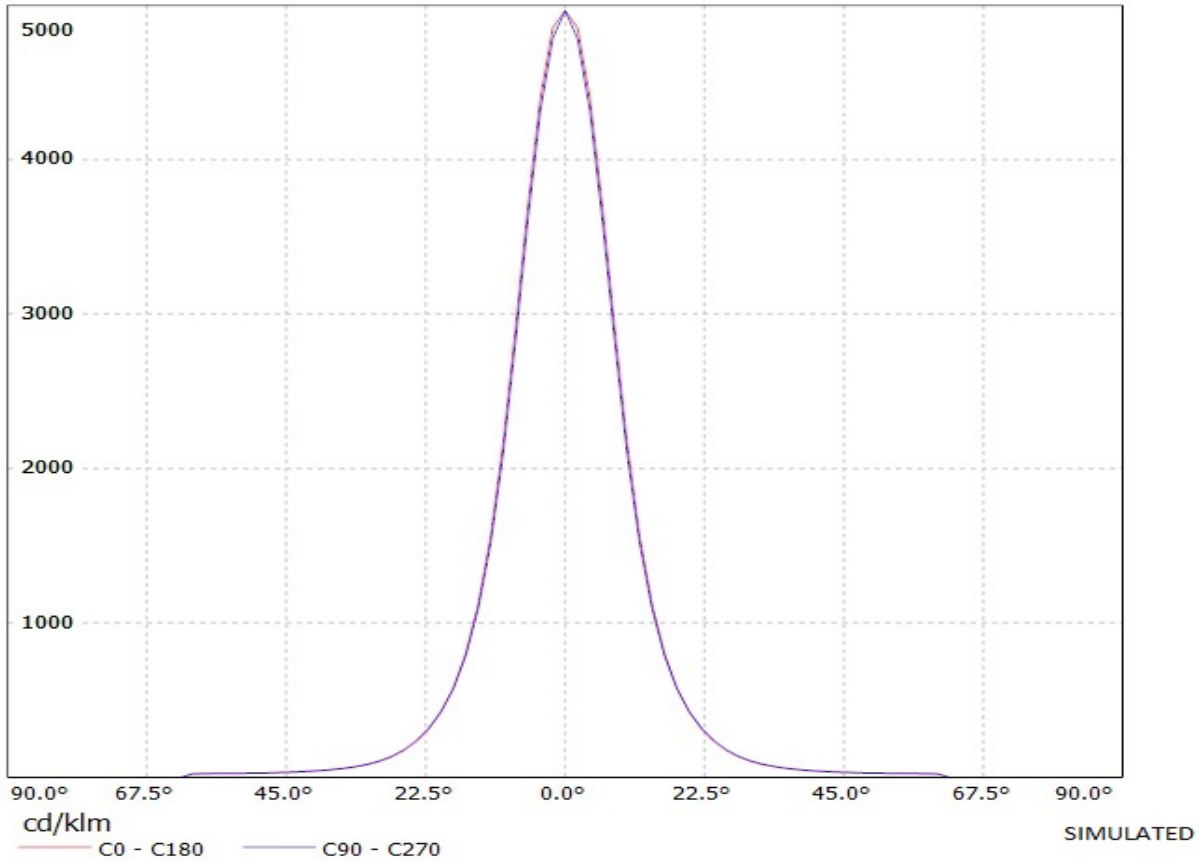
# Ledil Oy C11812\_AnnA-50-6-M-XP C11812\_AnnA-50-6-M-XP / LDC (Linear)

Luminaire: Ledil Oy C11812\_AnnA-50-6-M-XP C11812\_AnnA-50-6-M-XP  
Lamps: 1 x Cree XP-E (white) 442lm



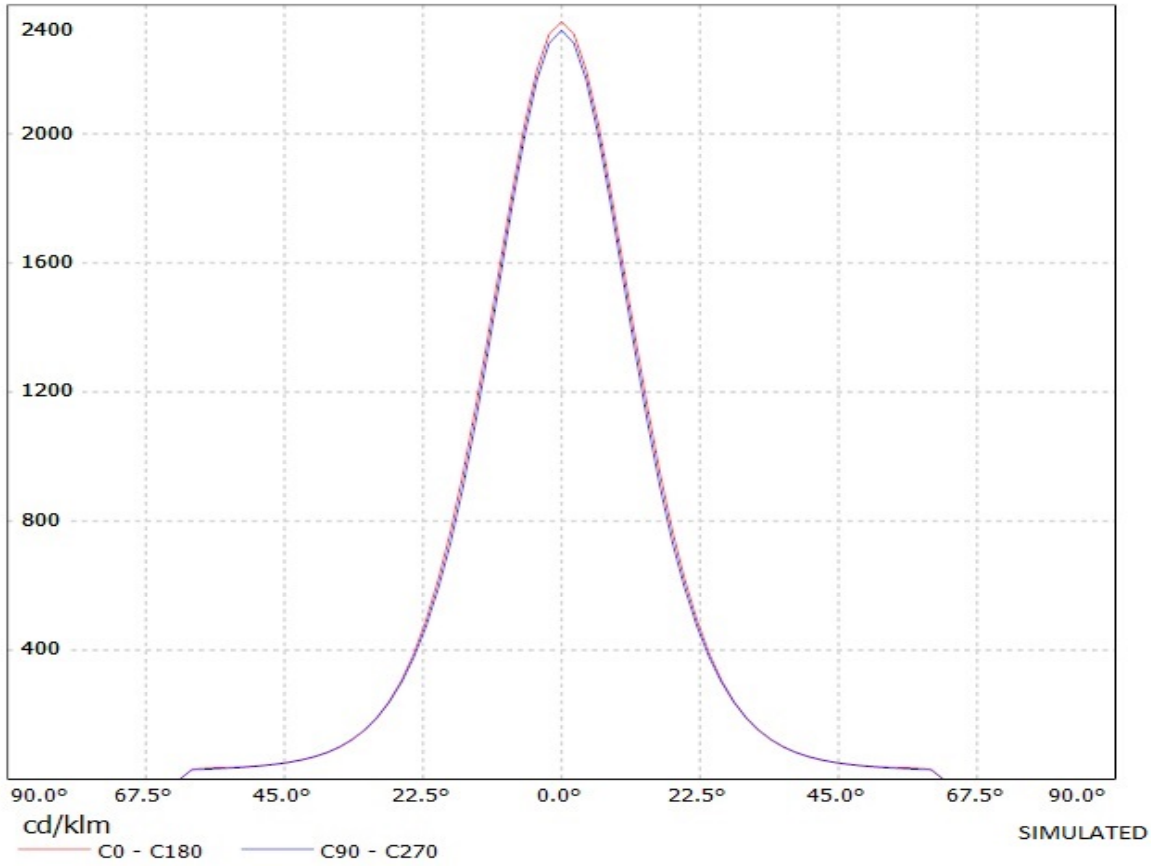
# Ledil Oy C11812-Anna-50-6-M-RE C11812-Anna-50-6-M-RE / LDC (Linear)

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE C11812-Anna-50-6-M-RE  
Lamps: 1 x Luxeon Rebel (white) 482



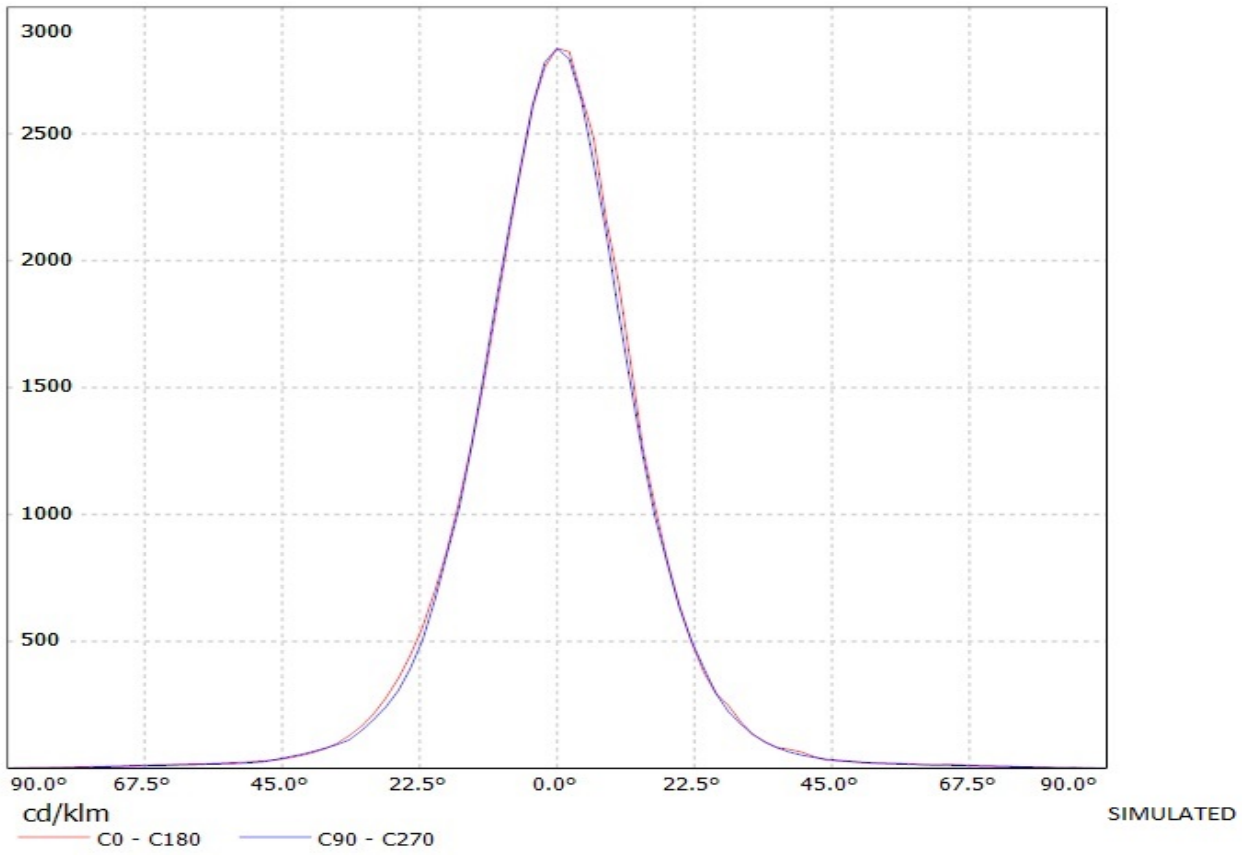
Ledil Oy C11812-Anna-50-6-M-RE-ES C11812-Anna-50-6-M-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE-ES C11812-Anna-50-6-M-RE-ES  
Lamps: 1 x Luxeon Rebel ES (white)



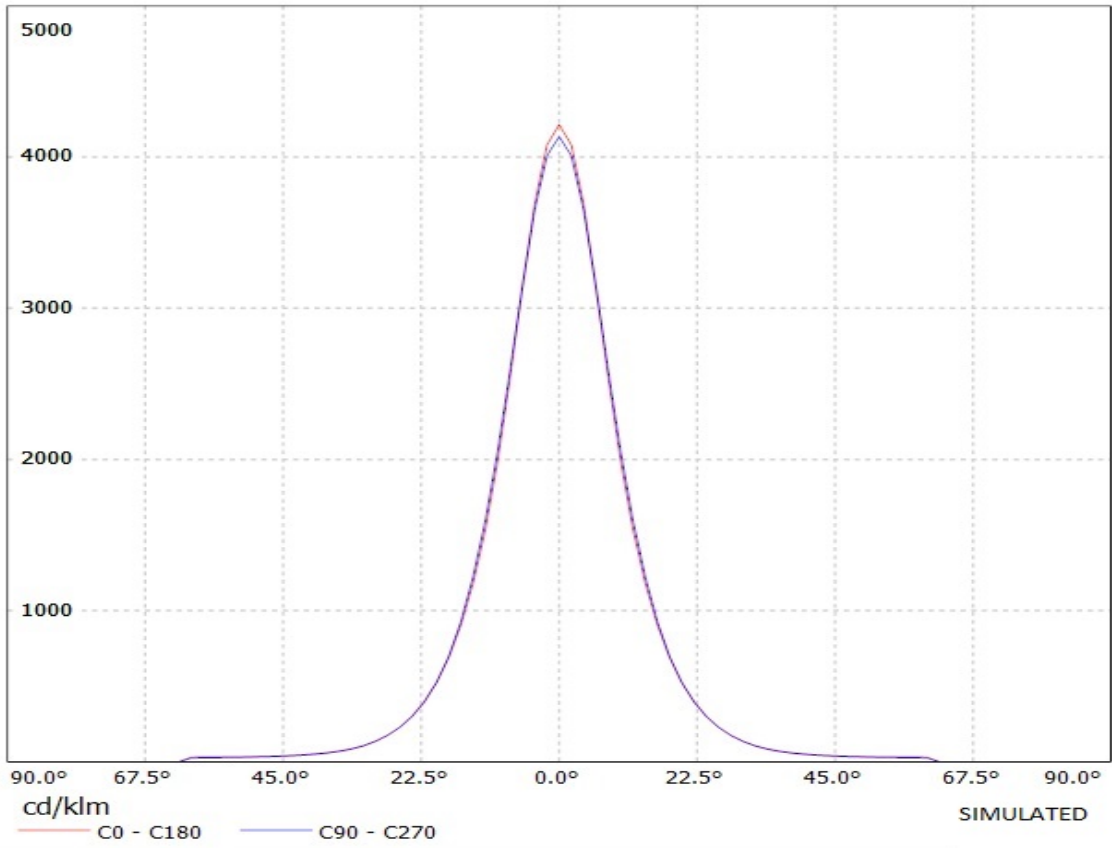
**Ledil Oy C11812-Anna-50-6-M-RE-A Efficiency=84% / LDC (Linear)**

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE-A Efficiency=84%  
Lamps: 1 x Luxeon-A 444lm 250mA



# Ledil Oy C11812\_Aнна-50-6-M-OSL C11812\_Aнна-50-6-M-OSL / LDC (Linear)

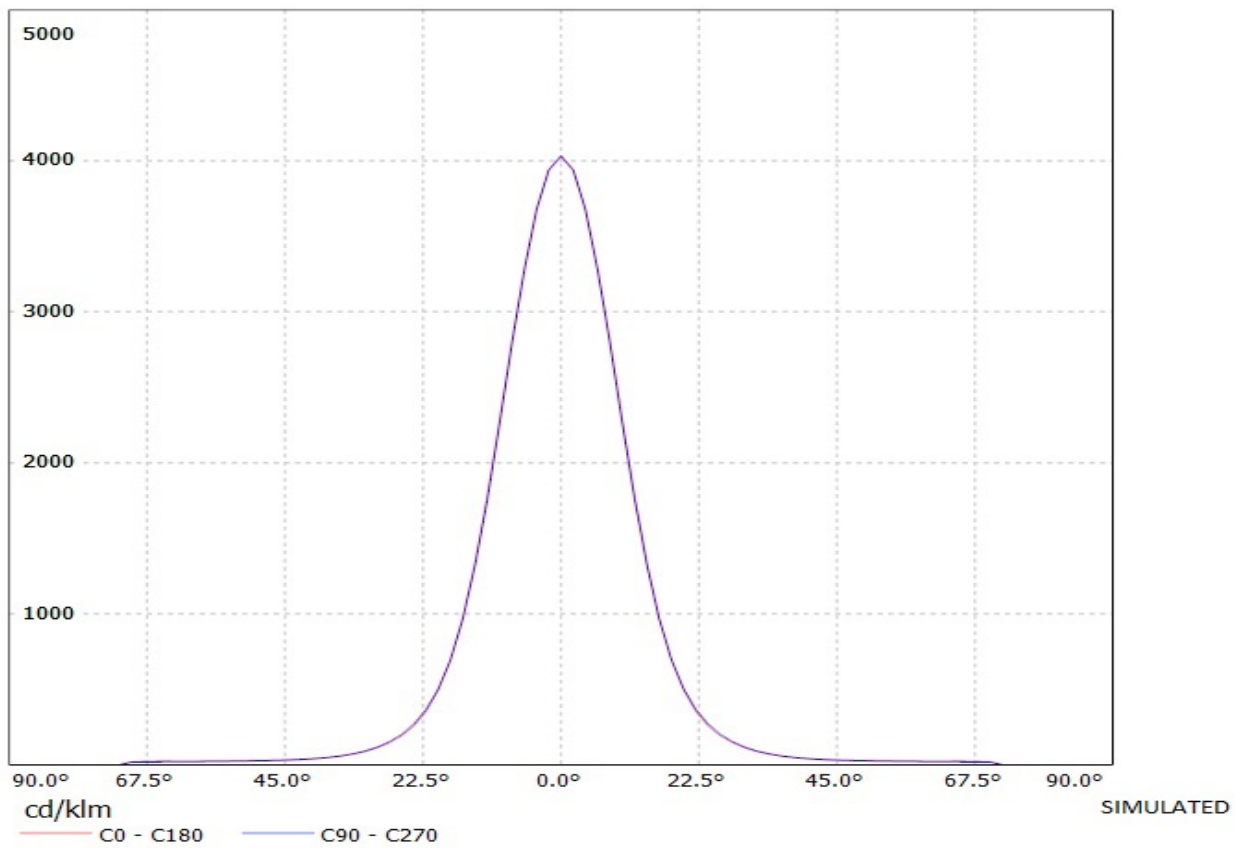
Luminaire: Ledil Oy C11812\_Aнна-50-6-M-OSL C11812\_Aнна-50-6-M-OSL  
Lamps: 1 x Osram SSL 80





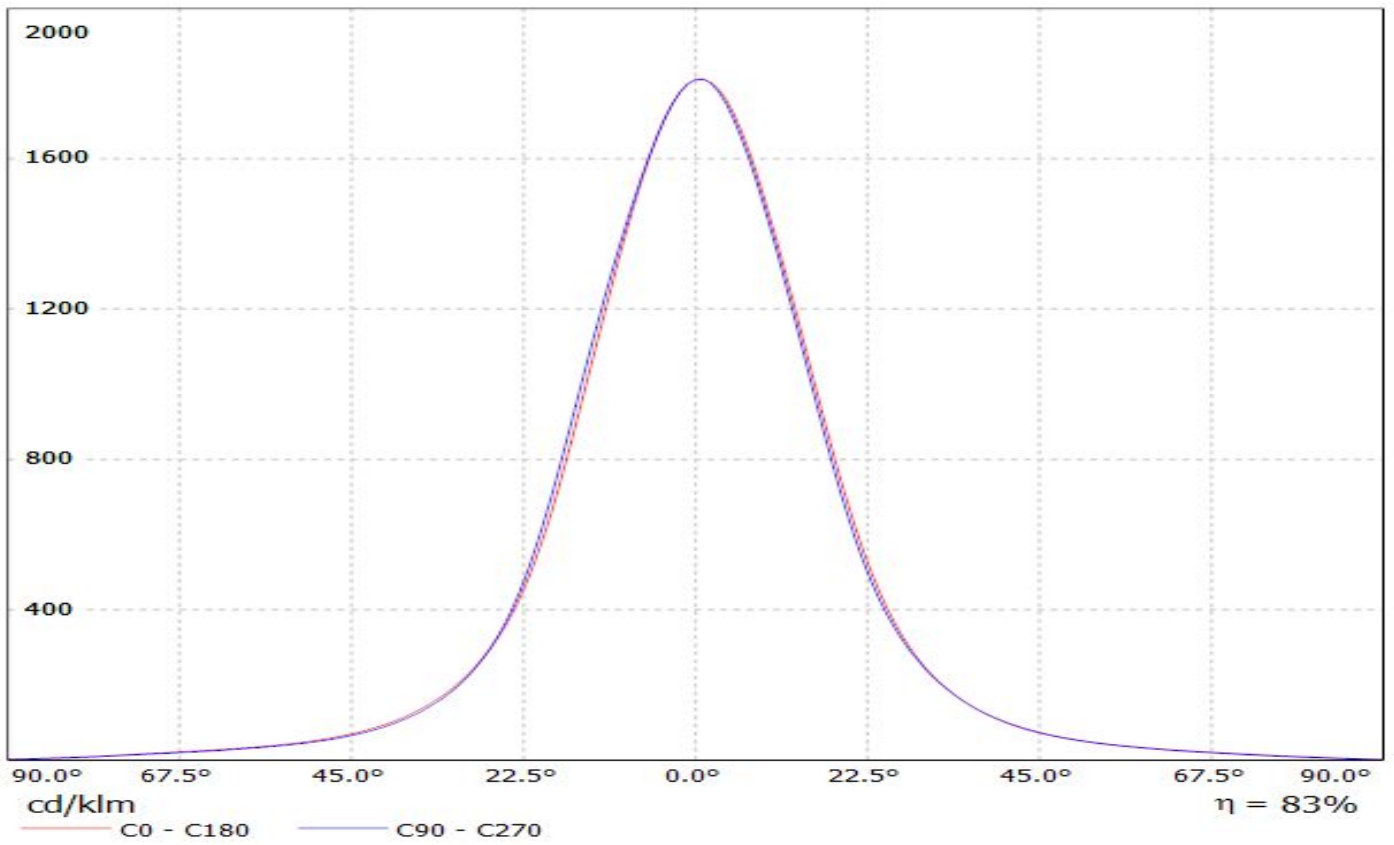
# Ledil Oy C11812\_Anna-50-6-M-OSL150 C11812\_Anna-50-6-M-OSL150 / LDC (Linear)

Luminaire: Ledil Oy C11812\_Anna-50-6-M-OSL150 C11812\_Anna-50-6-M-OSL150  
Lamps: 1 x Osram SSL 150



# LEDiL Oy C11813\_ANNA-50-6-W\_(SEOUL\_SZ5) Eff.83.1% / LDC (Linear)

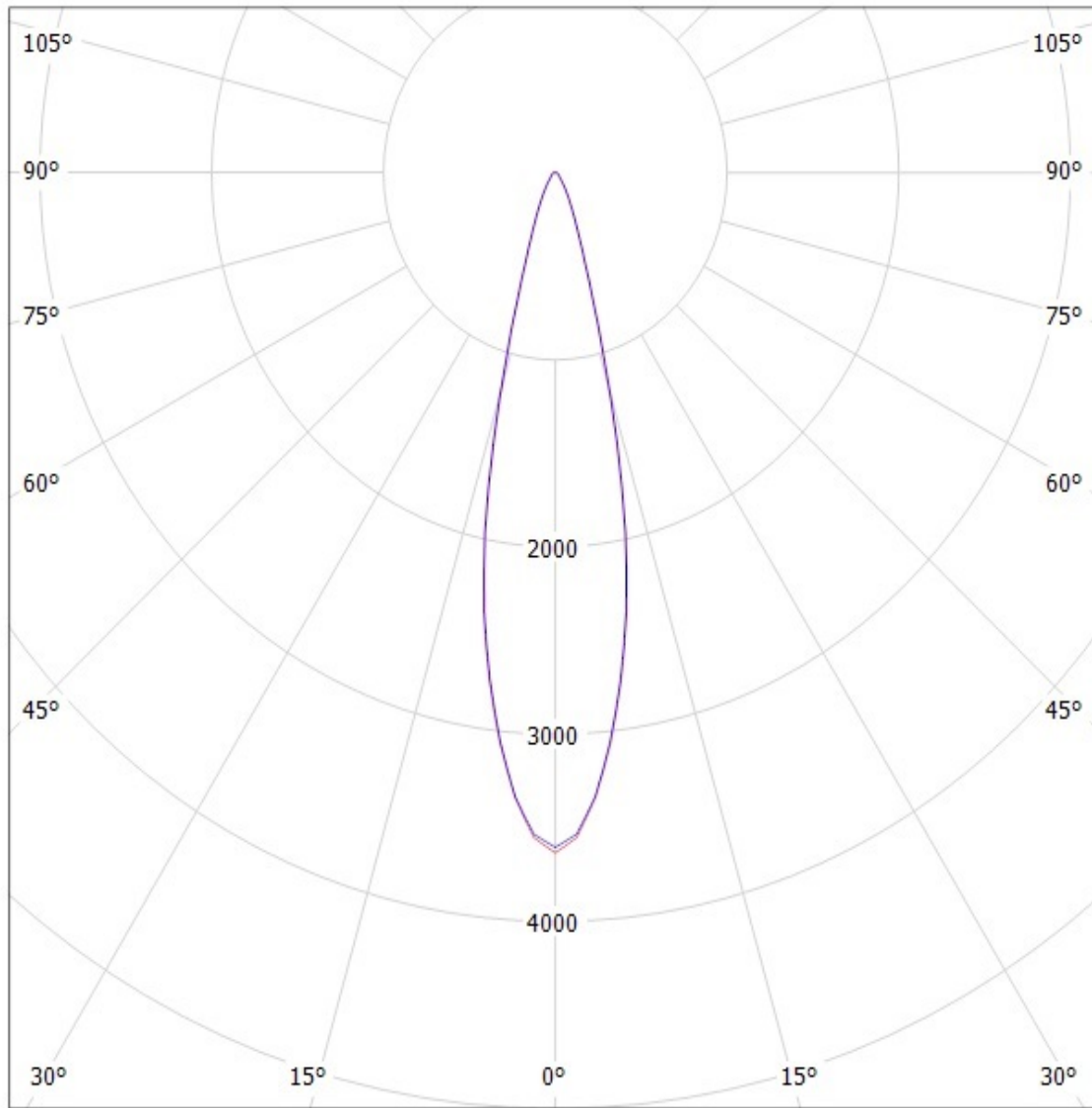
Luminaire: LEDiL Oy C11813\_ANNA-50-6-W\_(SEOUL\_SZ5) Eff.83.1%  
Lamps: 1 x SEOUL\_SZ5 (526.235lm@250mA)



# Ledil Oy C11812\_Annna-50-6-M-XP-G C11812\_Annna-50-6-M-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11812\_Annna-50-6-M-XP-G C11812\_Annna-50-6-M-XP-G

Lamps: 1 x Cree XP-G (White)



cd/klm

— C0 - C180

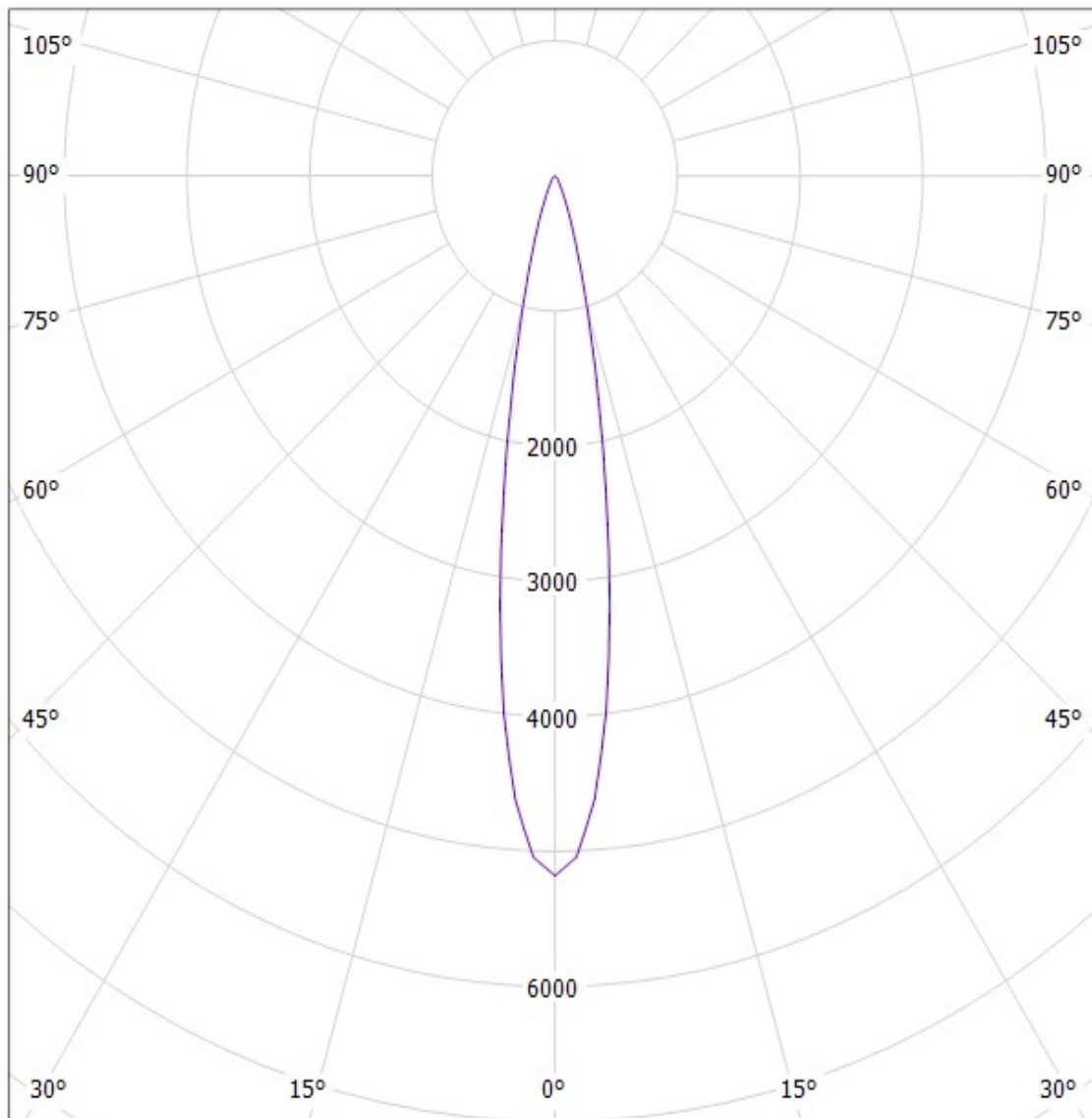
— C90 - C270

SIMULATED

# Ledil Oy C11812\_AnnA-50-6-M-XP C11812\_AnnA-50-6-M-XP / LDC (Polar)

Luminaire: Ledil Oy C11812\_AnnA-50-6-M-XP C11812\_AnnA-50-6-M-XP

Lamps: 1 x Cree XP-E (white) 442lm



cd/klm

— C0 - C180

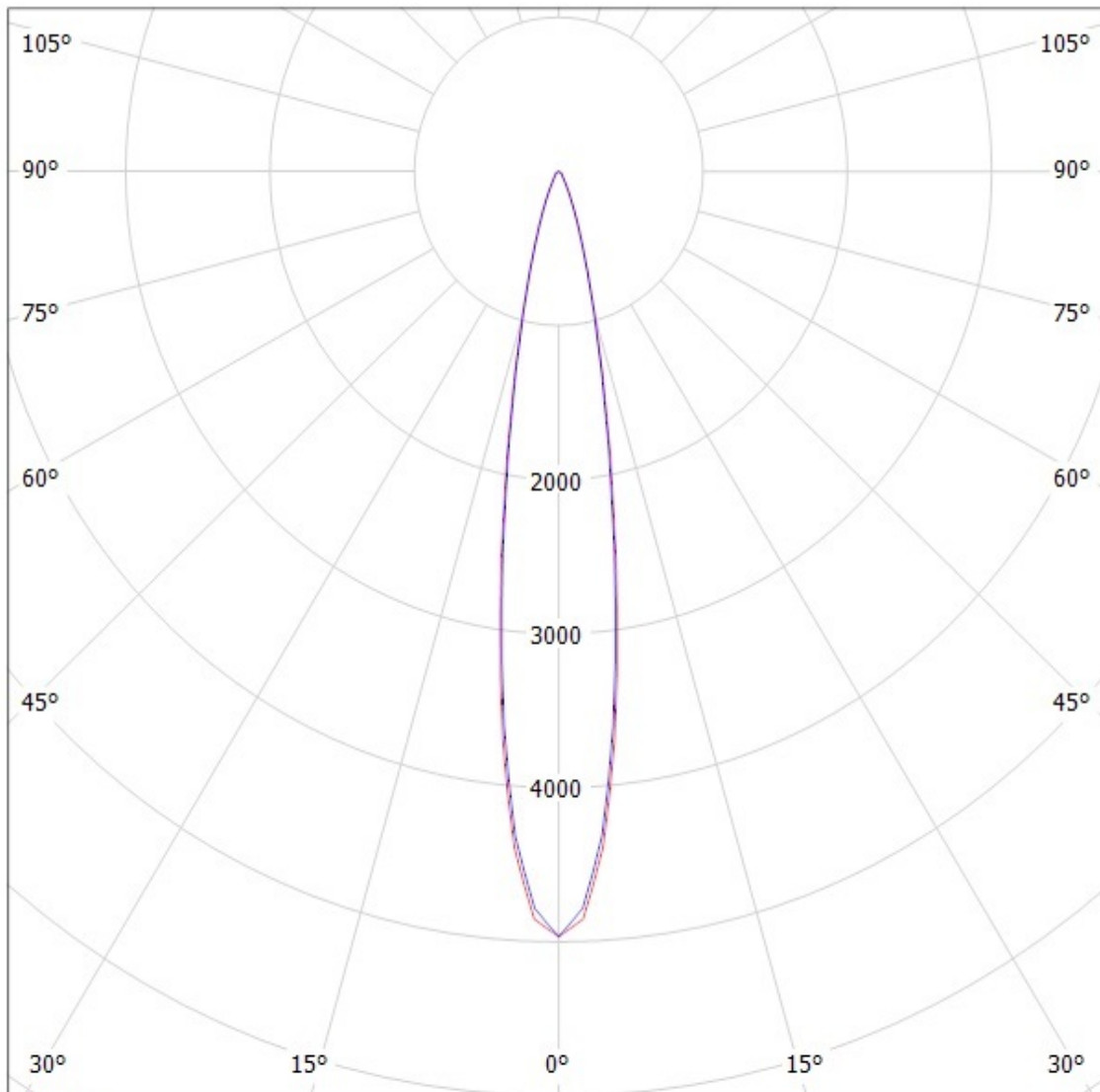
— C90 - C270

SIMULATED

# Ledil Oy C11812-Anna-50-6-M-RE C11812-Anna-50-6-M-RE / LDC (Polar)

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE C11812-Anna-50-6-M-RE

Lamps: 1 x Luxeon Rebel (white) 482



cd/klm

— C0 - C180

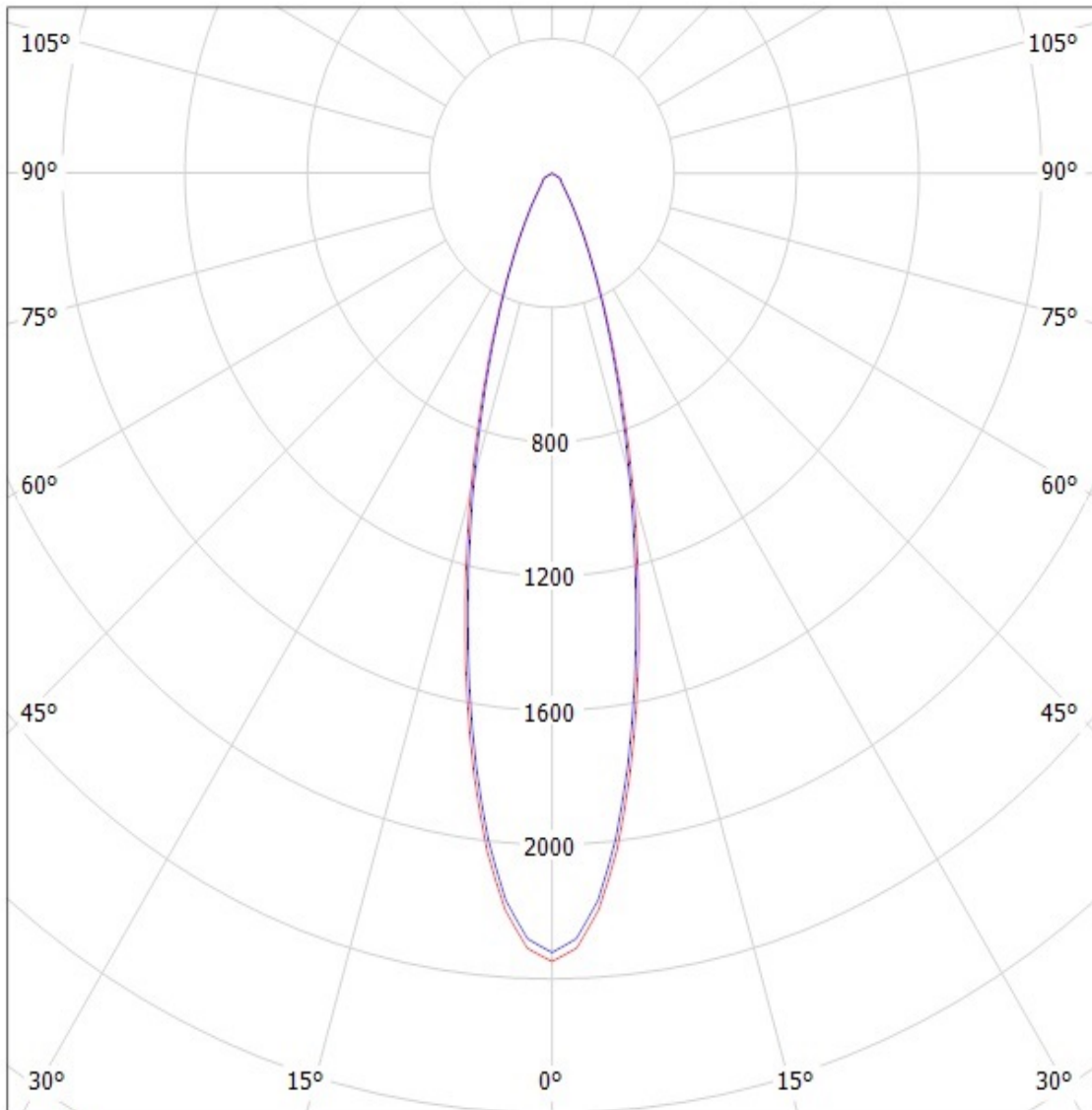
— C90 - C270

SIMULATED

# Ledil Oy C11812-Anna-50-6-M-RE-ES C11812-Anna-50-6-M-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE-ES C11812-Anna-50-6-M-RE-ES

Lamps: 1 x Luxeon Rebel ES (white)



cd/klm

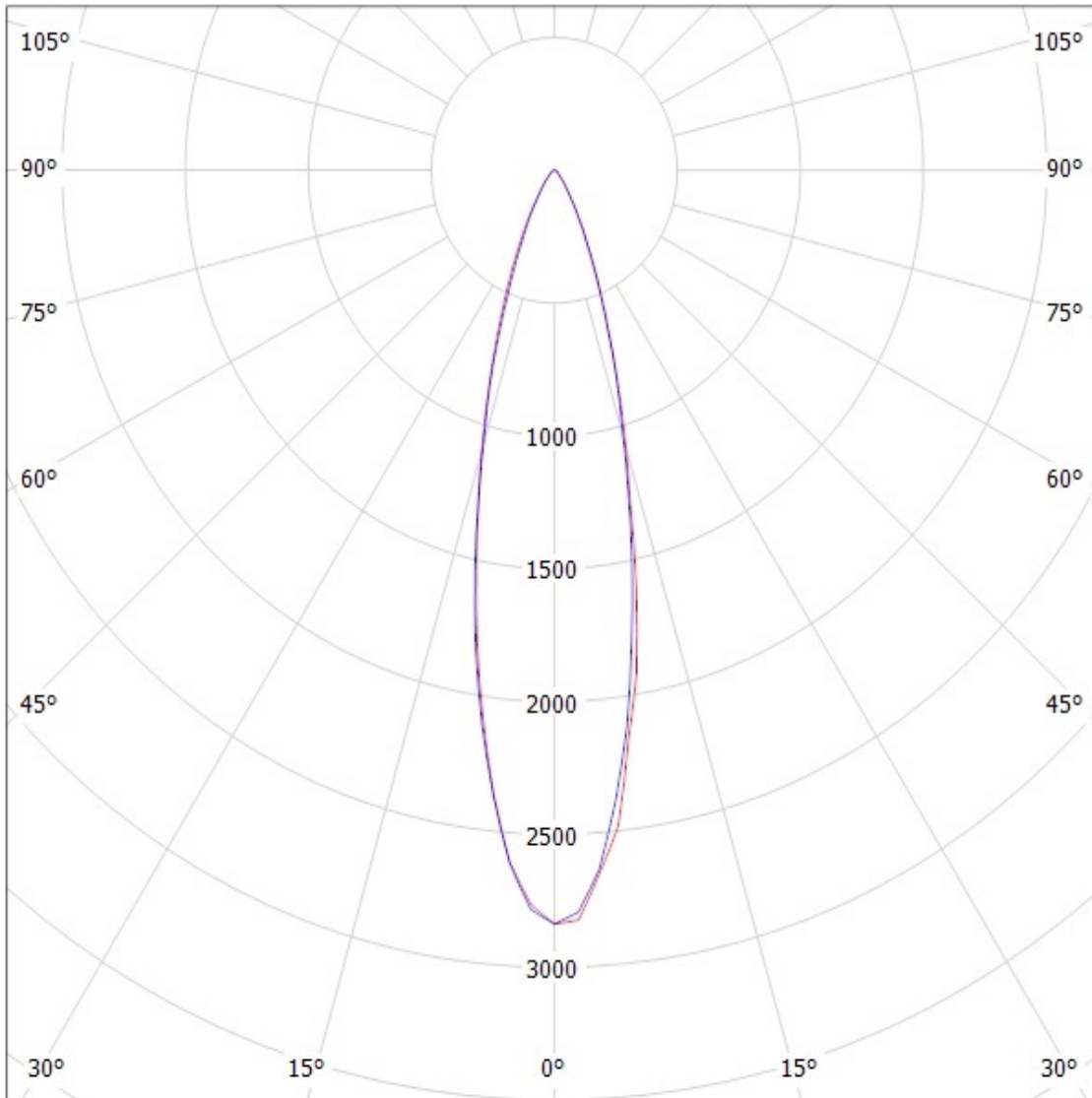
— C0 - C180

— C90 - C270

SIMULATED

# Ledil Oy C11812-Anna-50-6-M-RE-A Efficiency=84% / LDC (Polar)

Luminaire: Ledil Oy C11812-Anna-50-6-M-RE-A Efficiency=84%  
Lamps: 1 x Luxeon-A 444lm 250mA



cd/klm

— C0 - C180

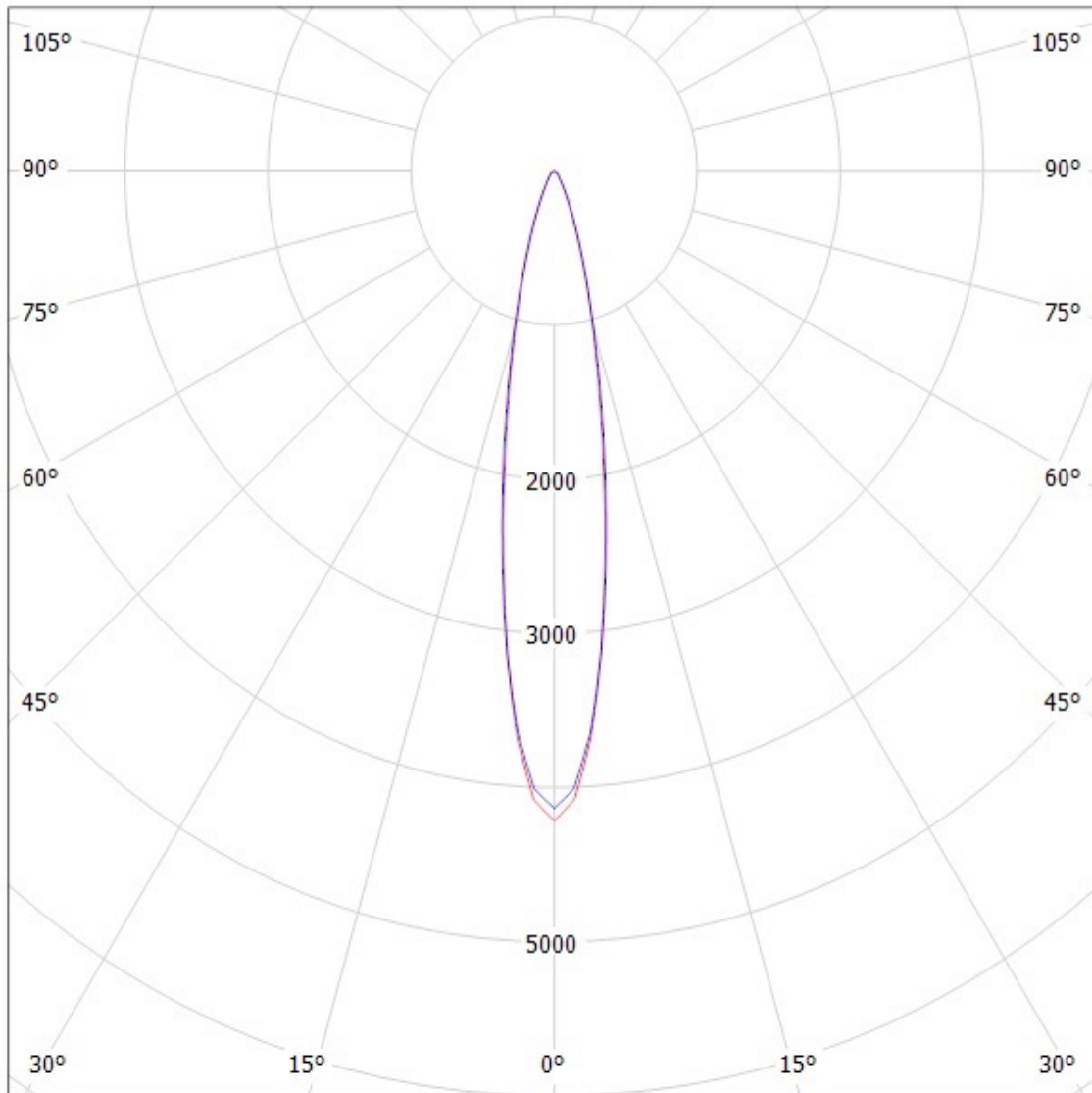
— C90 - C270

SIMULATED

# Ledil Oy C11812\_AnnA-50-6-M-OSL C11812\_AnnA-50-6-M-OSL / LDC (Polar)

Luminaire: Ledil Oy C11812\_AnnA-50-6-M-OSL C11812\_AnnA-50-6-M-OSL

Lamps: 1 x Osram SSL 80



cd/klm

— C0 - C180

— C90 - C270

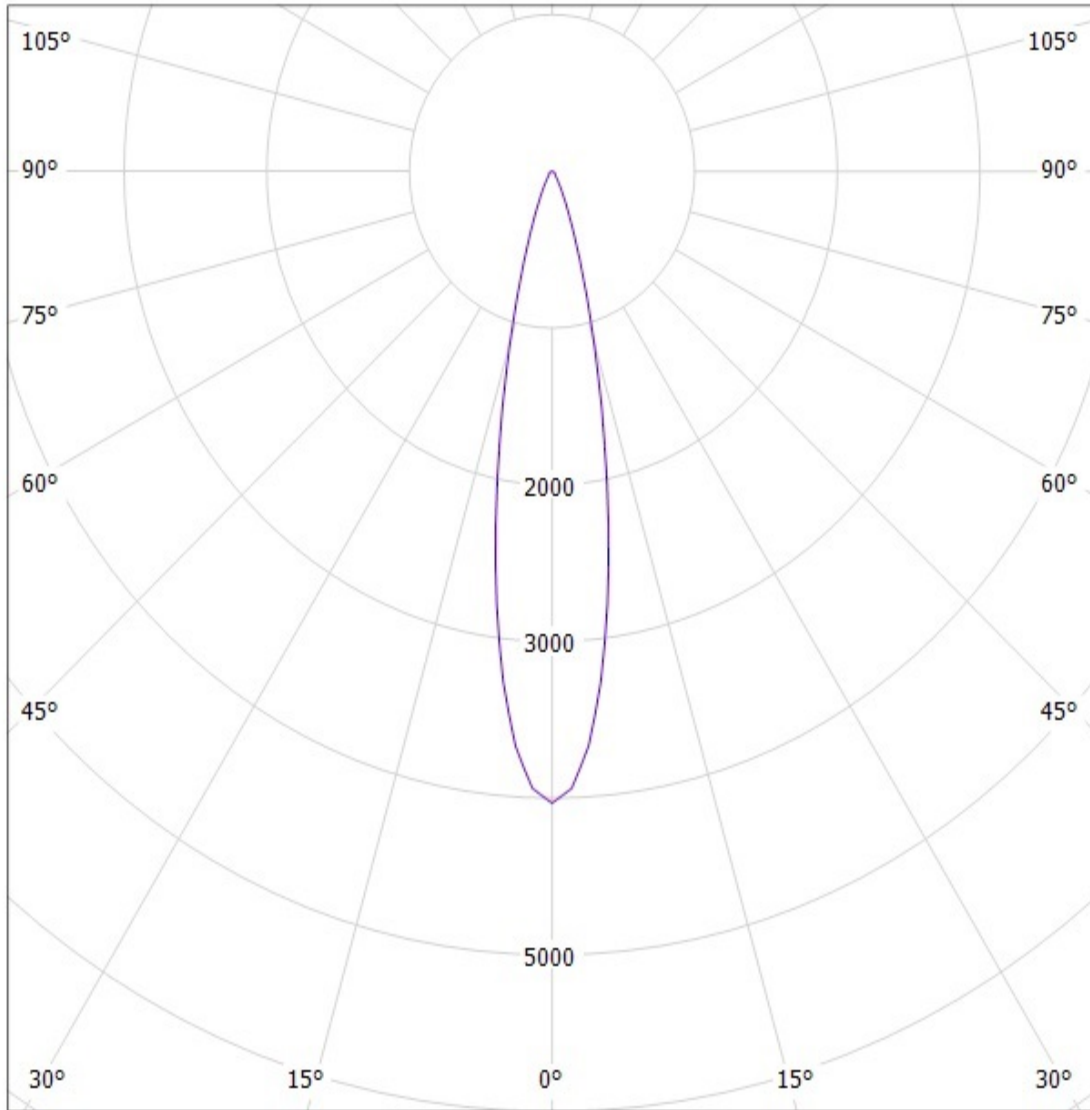
SIMULATED



# Ledil Oy C11812\_Aнна-50-6-M-OSL150 C11812\_Aнна-50-6-M-OSL150 / LDC (Polar)

Luminaire: Ledil Oy C11812\_Aнна-50-6-M-OSL150 C11812\_Aнна-50-6-M-OSL150

Lamps: 1 x Osram SSL 150



cd/klm

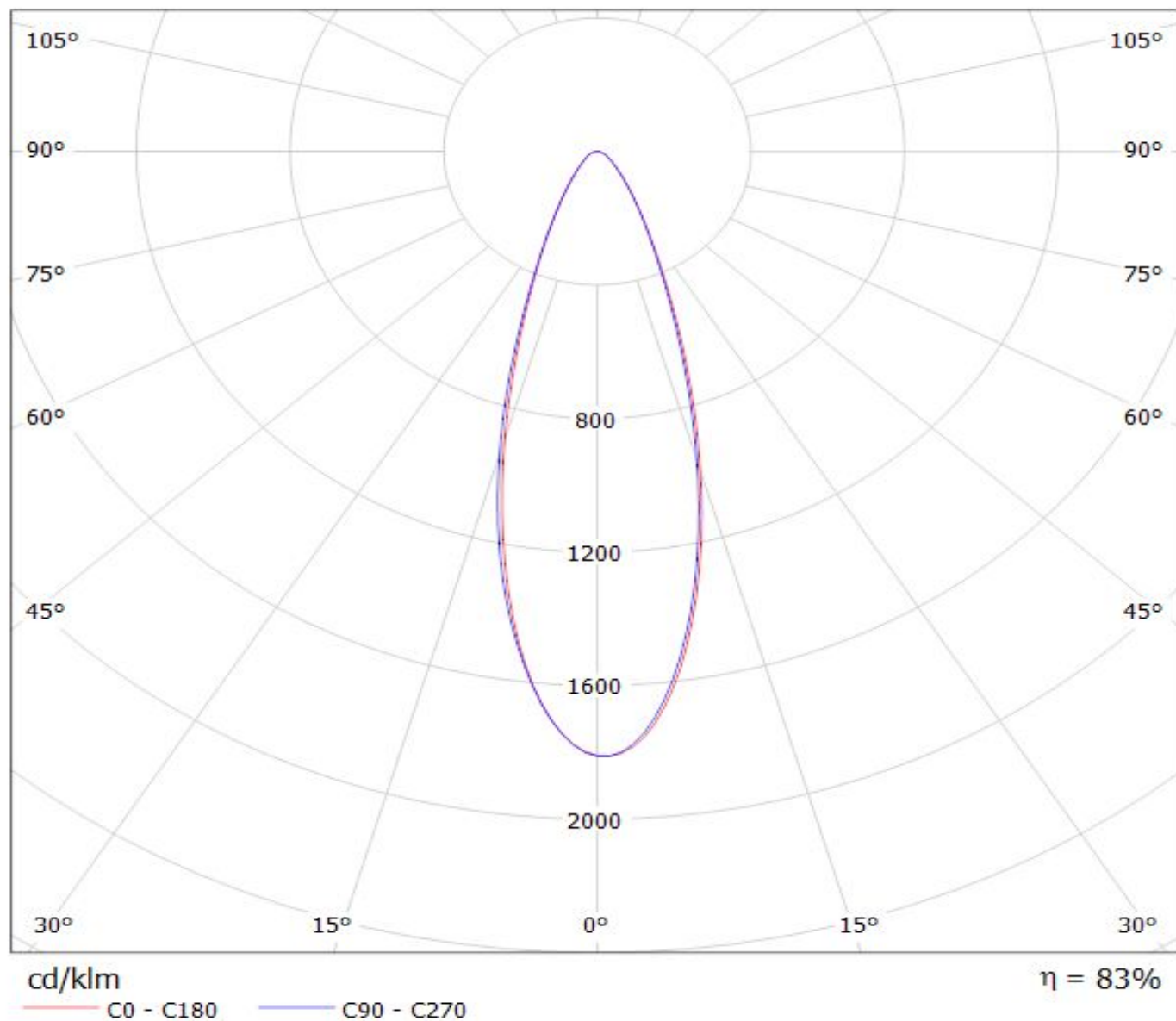
— C0 - C180 — C90 - C270

SIMULATED

# LEDiL Oy C11813\_ANNA-50-6-W\_(SEOUL\_SZ5) Eff.83.1% / LDC (Polar)

Luminaire: LEDiL Oy C11813\_ANNA-50-6-W\_(SEOUL\_SZ5) Eff.83.1%

Lamps: 1 x SEOUL\_SZ5 (526.235lm@250mA)



**NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.**